Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 02 Apr 2022 until 23:59 on Sunday 03 Apr 2022

Forecast Issued on Friday 01 Apr 2022 at 17:16

Confidence: High for a mostly dry weekend. High for changeable conditions early next week but low for extent of rainfall and low cloud

Headline for Saturday 02 Apr 2022: Mainly dry, bright but rather cold

Mountain weather hazards on Saturday 02 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
30%	30%	20%	10%	00%	00%	00%	00%

Forecast for Saturday 02 Apr 2022

Weather: Chance of a few wintry showers until first thing on Saturday morning. Then Saturday will be dry with variable cloud cover and some sunny periods.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: Generally very good with good air clarity, cloud largely above summits. Some patchy cloudy above 750 metres at first.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 02 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/6 NE	7/8 SE	8/10 E	9/11 E	6/9 NE	8/11 NW	9/11 N	8/10 N	7/9 W
600	5/6 N	6/8 SE	5/8 E	7/10 E	5/8 NE	7/10 N	7/10 N	6/8 N	5/6 W
300	2/4 N	3/5 SE	2/6 E	4/8 E	4/9 E	4/8 N	4/9 N	2/6 N	2/6 W
Valley	3/4 N	2/4 NW	3/7 E	4/8 E	4/8 N	5/8 N	4/7 N	4/8 N	2/5 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-5	-3/-7	-3/-7	-2/-7	-0/-4	-1/-5	-1/-5	-1/-6	-1/-5
600	-0/-3	-1/-4	-1/-4	0/-3	2/-0	2/-2	2/-1	0/-3	0/-2
300	2/0	1/-1	0/-1	4/2	5/4	5/3	4/2	2/1	2/-0
Valley	4/3	2/1	3/1	5/4	7/6	7/5	6/5	5/3	4/2
Freezing Level*	500m	400m	400m	400m	500m	500m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold under any cloud cover. Icy surfaces possible at first.

Forecast for Sunday 03 Apr 2022

Weather: It will be dry with some hazy sunshine. Widespread hill fog is expected to spread from the west by mid evening along with some rain.

Maximum wind: Westerly 20 mph

Chance of cloud-free hill tops above 800m: 80%

Low cloud and visibility: Generally very good with only small amounts of cloud on the summits. Low cloud will quickly clamp down in the summits by mid evening, down to 700 metres

Temperature: **Valleys:** Minus 2 rising to 11 Celsius
At 800m: Minus 1 rising to 6 Celsius
Freezing level: 500 metres, rising above summits by evening

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Ground Conditions Supplement

Friday 1 April. Helvellyn summit at 1205 Full Report: Full report: The amount of snow cover is similar to Thursday; differences being a thaw on aspects catching the sun and less on exposed ground where the hail and soft snow has been redistributed to more sheltered areas – where there is slightly deeper cover. There is a skittering of snow in shady areas from 400m with the main snowline being at around 500m. It was deposited, and subsequently been blown about, on predominantly northerly winds. Depth rises with height although the actual depth encountered varies from little on exposed ground to drifts in sheltered spots and hollows of 50cm (although such depth is definitely the exception) with a very rough average of only around 3 to 4cm at 900m. The snowpack is very soft and often settled on what was dry ground and rocks. Footpaths were a mixture of dry rock poking above soft snow with some patches of ice mainly across drainage lines, where there had been a thaw/freeze, and on popular routes where snow has been compressed. Some snow was thawing in the afternoon sun so walkers out on Saturday should expect, and be prepared to encounter, more ice should this refreeze tonight (as is currently forecast at altitude). Exposed routes above the snowline – such as Striding and Swirral Edges - require extreme care. Similar to the footpaths, they were in mixed condition with dry rock, soft snow covered rock and some ice. Microspikes and an ice axe are strongly recommended to negotiate such routes safely and crampons carried in case deeper ice/hard snow is encountered – which it wasn't today on the edges. Conditions are now very different to last week with today's summit windchill (what the temperature feels like) at midday being minus 10 degrees C ; an incredible 24 degrees lower than last Friday; thus anyone wearing the same as last week will get very cold, very quickly! It is, therefore, essential for anyone venturing out on the fells that they have full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment. This includes map and compass and the ability to use them in potentially poor visibility

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such as in low cloud and during hail/snow showers. Goggles are also recommended to lessen the sting of any windblown hail/spindrift. Microspikes and walking poles are also recommended for anyone going above the snowline on Saturday in case there is more ice on paths. Also, don’t forget your sunglasses when leaving the green valleys as the sun’s reflection on the snow is dazzling! Temperature: minus 3.6 Deg C. Maximum wind speed 14.1 mph. Wind chill: minus 10.2 Deg C Average wind speed: 6.0 mph

Issued at: 1716 on Fri 01 Apr 2022

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